

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|---------|------------------|
| S1 | 1 | "20050240840" | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:02 |
| S3 | 383 | "4532155" "4630709" "4646740" "4663984" "4671541" "4712549" "4807628" "4828894" "4951860" "4970389" "4990154" "5047038" "5056833" "5074872" "5163598" "5205474" "5351997" "5364310" "5424023" "5729920" "5772257" "6097139" "6170430" "6457748" "6470831" "6517913" "6573160" "6689930" "6715452" "6843054" "6851398" "6903259" "6959542" "6973928" "7021048" | USPAT | OR | OFF | 2006/05/08 11:13 |
| S4 | 35 | (("4532155") or ("4630709") or ("4646740") or ("4663984") or ("4671541") or ("4712549") or ("4807628") or ("4828894") or ("4951860") or ("4970389") or ("4990154") or ("5047038") or ("5056833") or ("5074872") or ("5163598") or ("5205474") or ("5351997") or ("5364310") or ("5424023") or ("5729920") or ("5772257") or ("6097139") or ("6170430") or ("6457748") or ("6470831") or ("6517913") or ("6573160") or ("6689930") or ("6715452") or ("6843054") or ("6851398") or ("6903259") or ("6959542") or ("6973928") or ("7021048")).PN. | USPAT | OR | OFF | 2006/05/08 11:22 |
| S5 | 15 | 10/348592 10/348077 10/744921 10/745117 10/745170 | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:29 |
| S6 | 15 | S5 and logical with circuit | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:30 |
| S7 | 15 | S5 and (logical with circuit).clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:32 |
| S9 | 1 | S5 and (logical with circuit and fail\$5 and identif\$5 and displa\$5 and receiv\$5 and rerout\$5) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:37 |
| S11 | 1 | S5 and (logical with circuit and fail\$5 and rerout\$3 and displa\$4) . clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:48 |
| S13 | 1 | S5 and (logical with circuit and failover and rerout\$3 and displa\$4) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:49 |

EAST Search History

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| S12 | 1 | S5 and (logical with circuit and fail\$5 and failover and rerout\$3 and displa\$4) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 11:49 |
| S16 | 1 | S2 and (logical with circuit and failover and rerout\$3 and threshold) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 12:09 |
| S14 | 10 | S5 and (logical with circuit and failover and rerout\$3) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 12:09 |
| S17 | 10 | S2 and (logical with circuit and failover and rerout\$3) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/08 12:10 |
| S18 | 13 | S2 and (logical with circuit and failover and rerout\$3) | US-PGPUB; USPAT | OR | OFF | 2006/05/08 12:12 |
| S19 | 18 | (logical with circuit and failover and rerout\$3) | US-PGPUB; USPAT | OR | OFF | 2006/05/08 12:13 |
| S20 | 13 | logical with circuit with failover with rerout\$3 | US-PGPUB; USPAT | OR | OFF | 2006/05/08 12:14 |
| S25 | 541 | logical and failover | USPAT | OR | ON | 2006/05/08 12:15 |
| S26 | 11 | logical adj circuit and failover | USPAT | OR | ON | 2006/05/08 12:16 |
| S28 | 51 | circuit with fail\$5 with rerout\$5 | USPAT | OR | ON | 2006/05/08 12:17 |
| S29 | 36 | circuit with fail\$5 with rerout\$5 and network | USPAT | OR | ON | 2006/05/08 12:18 |
| S30 | 7 | circuit with fail\$5 with rerout\$5 and ATM with network | USPAT | OR | ON | 2006/05/08 12:22 |
| S34 | 2 | circuit with fail\$5 with display\$3 and (rout\$5 rerout\$5) and ATM with network | USPAT | OR | ON | 2006/05/08 12:24 |
| S32 | 19 | circuit with fail\$5 with (rout\$5 rerout\$5) and display\$3 and ATM with network | USPAT | OR | ON | 2006/05/08 12:26 |
| S35 | 6 | circuit with fail\$5 with (rerout\$3 re-rout\$3) and display\$3 and ATM with network | USPAT | OR | ON | 2006/05/08 12:27 |
| S39 | 1 | fail\$5 with (rerout\$3 re-rout\$3) same displa\$4 and ATM with network | USPAT | OR | ON | 2006/05/08 12:28 |
| S38 | 1 | fail\$5 with (rerout\$3 re-rout\$3) same display\$3 and ATM with network | USPAT | OR | ON | 2006/05/08 12:28 |
| S37 | 1 | fail\$5 with (rerout\$3 re-rout\$3) with display\$3 and ATM with network | USPAT | OR | ON | 2006/05/08 12:28 |
| S41 | 36 | fail\$5 with (rerout\$3 re-rout\$3) and GUI and ATM with network | USPAT | OR | ON | 2006/05/08 12:30 |

EAST Search History

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| S45 | 4 | fail\$5 with (rerout\$3 re-rout\$3) and ATM with network and (data ADJ link ADJ connection ADJ identifier DLCI) | USPAT | OR | ON | 2006/05/08 12:34 |
| S44 | 1 | fail\$5 with (rerout\$3 re-rout\$3) and display\$3 and ATM with network and (data ADJ link ADJ connection ADJ identifier DLCI) | USPAT | OR | ON | 2006/05/08 12:34 |
| S36 | 73 | fail\$5 with (rerout\$3 re-rout\$3) and display\$3 and ATM with network | USPAT | OR | ON | 2006/05/08 12:49 |
| S48 | 28 | fail\$5 with display\$3 with GUI | USPAT | OR | ON | 2006/05/08 12:50 |
| S49 | 10 | fail\$5 near3 display\$3 with GUI | USPAT | OR | ON | 2006/05/08 12:52 |
| S51 | 12 | fail\$5 near3 display\$3 and GUI and ATM adj network | USPAT | OR | ON | 2006/05/08 12:53 |
| S50 | 50 | fail\$5 near3 display\$3 and ATM adj network | USPAT | OR | ON | 2006/05/08 12:55 |
| S52 | 23 | fail\$5 near3 display\$3 with link | USPAT | OR | ON | 2006/05/08 12:59 |
| S53 | 2 | fail\$5 near3 display\$3 with link and GUI | USPAT | OR | ON | 2006/05/08 13:00 |
| S55 | 12 | S54 and (logical with circuit and fail\$5) .clm. | US-PGPUB; USPAT | OR | OFF | 2006/10/30 15:08 |
| S54 | 16 | 10/348592 10/348077 10/744921 10/745117 10/745170 | US-PGPUB; USPAT | OR | OFF | 2006/10/30 15:08 |
| S46 | 26 | fail\$5 with (rerout\$3 re-rout\$3) and display\$3 with GUI | USPAT | OR | ON | 2006/10/30 15:33 |
| S57 | 11047 | fail\$5 near3 display with GUI and (rerout\$3 re-rout\$3) | USPAT | OR | ON | 2006/10/30 15:35 |
| S61 | 9 | fail\$5 near3 display and data near2 (rerout\$3 re-rout\$3) | USPAT | OR | ON | 2006/10/30 15:36 |
| S66 | 1 | redundant near3 display and data near2 (rerout\$3 re-rout\$3) | USPAT | OR | ON | 2006/10/30 15:37 |
| S67 | 3 | fail\$5 near3 display same (rerout\$3 re-rout\$3) | USPAT | OR | ON | 2006/10/30 15:38 |
| S59 | 73 | fail\$5 near3 display and (rerout\$3 re-rout\$3) | USPAT | OR | ON | 2006/10/30 15:38 |
| S68 | 20 | failover with rerout\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/30 15:41 |
| S21 | 7 | logical with circuit with failover with rerout\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/30 15:41 |
| S70 | 4 | failover with rerout\$3 and display\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/30 15:46 |

EAST Search History

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| S72 | 1 | failover with rerout\$3 and display\$3 and GUI | USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/30 15:47 |
| S73 | 21 | failover with rerout\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 10:55 |
| S76 | 78 | ((JOHN) near2 (HOLLINGSWORTH)).INV. | US-PPGPUB; USPAT | OR | OFF | 2007/01/25 10:56 |
| S75 | 22 | ((DAVID) near2 (MASSENGILL)).INV. | US-PPGPUB; USPAT | OR | OFF | 2007/01/25 10:56 |
| S74 | 1286 | ((WILLIAM) near2 (TAYLOR)).INV. | US-PPGPUB; USPAT | OR | OFF | 2007/01/25 10:56 |
| S77 | 1352 | S75 S76 S74 | US-PPGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:57 |
| S8 | 11 | S5 and (logical with circuit and fail\$5) .clm. | US-PPGPUB; USPAT | OR | OFF | 2007/01/25 10:57 |
| S2 | 1181 | (Taylor ADJ William Massengill ADJ David Hollingsworth ADJ John).in. | US-PPGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/25 10:57 |
| S78 | 12 | S77 and (logical with circuit and fail\$5) .clm. | US-PPGPUB; USPAT | OR | OFF | 2007/01/25 10:58 |
| S82 | 488 | (failover and threshold)".clm" | US-PPGPUB | OR | OFF | 2007/01/25 11:00 |
| S81 | 488 | (failover and threshold) | US-PPGPUB | OR | OFF | 2007/01/25 11:00 |
| S80 | 1 | S77 and (failover and threshold) .clm. | US-PPGPUB; USPAT | OR | OFF | 2007/01/25 11:00 |
| S84 | 2 | (failover and rerout\$3 and threshold).clm. | US-PPGPUB | OR | OFF | 2007/01/25 11:01 |
| S83 | 16 | (failover and threshold).clm. | US-PPGPUB | OR | OFF | 2007/01/25 11:01 |
| S85 | 6 | 714/4.ccls. and failover with rerout\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 11:51 |
| S69 | 20 | failover with rerout\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/25 11:51 |
| S88 | 146 | "6,581,166" "6,865,170" "5,016, 244" "5,559,959" "6,185,695" "6, 763,476" "6,823,477" "6,925,578" "7,093,155" | USPAT | OR | OFF | 2007/06/29 09:46 |
| S86 | 9 | ("6,581,166" "6,865,170" "5,016, 244" "5,559,959" "6,185,695" "6, 763,476" "6,823,477" "6,925,578" "7,093,155").pn. | USPAT | OR | OFF | 2007/06/29 09:46 |

EAST Search History

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| S15 | 1 | S5 and (logical with circuit and failover and rerout\$3 and threshold) .clm. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:46 |
| S89 | 155 | S87 S88 | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:47 |
| S87 | 9 | "20040172574" "20050135235" "20050135263" "20050135254" "20050138476" "20050172160" "20050135237" "20060146700" "20050172174" | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:47 |
| S94 | 11 | S93 and (failover) .clm. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:48 |
| S93 | 1385 | S91 S92 S90 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/29 09:48 |
| S92 | 80 | ((JOHN) near2 (HOLLINGSWORTH)).INV. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:48 |
| S91 | 29 | ((DAVID) near2 (MASSENGILL)).INV. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:48 |
| S90 | 1316 | ((WILLIAM) near2 (TAYLOR)).INV. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:48 |
| S10 | 10 | S5 and (logical with circuit and fail\$5 and rerout\$3) .clm. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:50 |
| S96 | 1 | S88 and (failover and rerout\$3) .clm. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:51 |
| S98 | 32 | S88 and failover | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:52 |
| S97 | 1 | S88 and (failover and rerout\$3). clm. | US-PGPUB; USPAT | OR | OFF | 2007/06/29 09:52 |
| S99 | 32 | S88 and failover | US-PGPUB; USPAT | OR | ON | 2007/06/29 09:53 |
| S100 | 10 | S88 and failover and rerout\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 09:54 |
| S102 | 120931 | S88 and failover and rerout\$3 and network redundant | US-PGPUB; USPAT | OR | ON | 2007/06/29 09:56 |
| S101 | 10 | S88 and failover and rerout\$3 and network | US-PGPUB; USPAT | OR | ON | 2007/06/29 09:56 |
| S103 | 5 | S88 and failover and rerout\$3 and network and redundant | US-PGPUB; USPAT | OR | ON | 2007/06/29 09:59 |
| S105 | 8 | S88 and failover and threshold | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:01 |
| S104 | 2 | S88 and failover and rerout\$3 with redundant | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:01 |

EAST Search History

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| S10 9 | 14 | S88 and congestion | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:02 |
| S11 2 | 1642 | congestion and rerout\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:03 |
| S11 1 | 2 | S88 and congestion and rerout\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:03 |
| S11 5 | 356 | congestion and rerout\$3 and redundant and fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:04 |
| S11 3 | 404 | congestion and rerout\$3 and redundant | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:04 |
| S11 8 | 2 | congestion same rerout\$3 same redundant same fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:05 |
| S12 1 | 7 | S87 and congestion and rerout\$3 and fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:10 |
| S11 9 | 11 | congestion and rerout\$3 with redundan\$3 same fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:11 |
| S12 5 | 1280 | recovery with network with fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:12 |
| S12 4 | 28 | recovery and rerout\$3 with redundan\$3 same fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:12 |
| S12 6 | 294 | "714"/\$.ccls. and recovery with network with fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:14 |
| S12 8 | 75 | "714"/4.ccls. and recovery with network with fail\$3 and utiliz\$5 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:15 |
| S12 7 | 134 | "714"/4.ccls. and recovery with network with fail\$3 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:15 |
| S13 0 | 2 | "714"/4.ccls. and recovery with network with fail\$3 and utiliz\$5 same threshold | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:16 |
| S13 4 | 118 | "714"/\$.ccls. and busy with data with memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:39 |
| S13 3 | 2437 | busy with data with memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:39 |
| S13 1 | 4 | "714"/4.ccls. and recovery with network with fail\$3 with utiliz\$5 | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:39 |
| S13 7 | 100 | "714"/\$.ccls. and (ready busy) near2 data near3 memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:40 |
| S13 6 | 131 | "714"/\$.ccls. and (ready busy) near3 data near3 memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:40 |
| S13 5 | 17 | "714"/\$.ccls. and busy near3 data near3 memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:40 |
| S13 8 | 27 | "714"/\$.ccls. and (ready busy) near1 data near3 memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:41 |

EAST Search History

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| S14 0 | 739 | "714"/\$.ccls. and (ready busy) near1 data n-th adj bit with memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:42 |
| S13 9 | 1 | "714"/\$.ccls. and (ready busy) near1 data near3 bit with memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:42 |
| S14 4 | 27 | "714"/\$.ccls. and (ready busy) near1 data near3 memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:45 |
| S14 5 | 8 | "714"/\$.ccls. and (ready busy) near1 data near3 writ\$3 with memory | US-PGPUB; USPAT | OR | ON | 2007/06/29 10:46 |